CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-12/227e/Cube/2016-17 09.02.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Project Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager,** KRIDL, Bangalore.
* Name of the work	:	Development of Dobighat in Ward No.13, BBMP, Bangalore.
* Reference	:	AEE/PSD/PR/120/2016-17 Dated: 23.12.2016
* Sample ID	:	Culvert Side Wall Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	09.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.01.2017	09.02.2017	8.200	483.5	21.49
2	12.01.2017	09.02.2017	8.306	493.5	21.93
3	12.01.2017	09.02.2017	8.407	516.8	22.97

*Information is furnished by the Customer/Representative.

Civil-Tech Consultants & Engineers Bangalore

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****

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Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	13.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.01.2017	13.02.2017	8.116	474.9	21.11
2	16.01.2017	13.02.2017	8.229	502.3	22.32
3	16.01.2017	13.02.2017	8.335	513.4	22.82

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Compressive Strength as on	:	28^{th} day
Sample Received on	:	13.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.01.2017	13.02.2017	8.207	482.2	21.43
2	16.01.2017	13.02.2017	8.339	490.5	21.80
3	16.01.2017	13.02.2017	8.408	506.5	22.51

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* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	13.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.01.2017	13.02.2017	8.119	478.3	21.26
2	16.01.2017	13.02.2017	8.235	493.5	21.93
3	16.01.2017	13.02.2017	8.337	515.8	22.92

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* Reference	:	AEE/PSD/PR/120/2016-17 Dated: 23.12.2016
* Sample ID	:	Culvert Covering Slab Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	22.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.01.2017	22.02.2017	8.135	475.5	21.13
2	25.01.2017	22.02.2017	8.228	492.2	21.88
3	25.01.2017	22.02.2017	8.330	512.4	22.77

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.01.2017	22.02.2017	8.118	478.3	21.26
2	25.01.2017	22.02.2017	8.239	499.6	22.20
3	25.01.2017	22.02.2017	8.339	518.9	23.06

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